

**Personal Information**

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Name: Gianandrea Salerno  
Place and DOB: Erice (Trapani), Italy. February 20, 1966.  
Nationality: Italian  
Civil status: Married, 3 children  
Current position: Permanent Researcher (Assistant Professor of Entomology)  
Address: Dipartimento di Scienze Agrarie, Alimentari e Ambientali  
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**Education**

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2001 Ph.D. degree in Agricultural Entomology. Dipartimento di Arboricoltura e Protezione delle Piante, University of Perugia. Thesis "Evaluation of host specificity in pentatomid parasitoids through their response to the host unit" (Tutor Prof. Ferdinando Bin)  
1992 Agronomist examination  
1992 "Laurea" (Master's Degree) in Agriculture - crop protection (University of Palermo) (5-year course); thesis: "Bioethological observations on the olive pest *Palpita unionalis* Hübner" (Tutor Prof. Giovanni Liotta)

**Professional Development**

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2017 National Scientific Qualification (Abilitazione Scientifica Nazionale) as Full professor of Entomology (SSD AGR/11, Settore concorsuale 07/D1)  
2013 National Scientific Qualification (Abilitazione Scientifica Nazionale) as Associate professor of Entomology (SSD AGR/11, Settore concorsuale 07/D1)  
2008-present Permanent Researcher (Assistant Professor of Entomology) at the Dipartimento di Scienze Agrarie, Alimentari e Ambientali, University of Perugia  
2006-07 Post-doctoral position, 2 years (Dipartimento di Scienze Agrarie e Ambientali - Entomologia - University of Perugia). Research project "Induced defenses in crop plant"  
2001-05 Post-doctoral position, 5 years (Dipartimento di Arboricoltura e Protezione delle Piante - Entomologia - University of Perugia), Research project "Host selection behaviour on egg parasitoids: biological control and pentatomid – *Trissolcus* spp. associations".  
1998-2000 Ph.D. course in Agricultural Entomology, 3 years (Dipartimento di Arboricoltura e Protezione delle Piante - Entomologia - University of Perugia). Researches on: "Evaluation of host specificity in pentatomid parasitoids through their response to the host unit".  
1997 Collaboration in a research project on insects of wooden structures of historical-artistic interest (Prof. Giovanni Liotta, Agricultural Entomology Institute - University of Palermo), funded by the "Assessorato ai Beni Culturali e Ambientali della Regione Sicilia"

1993-1997 Collaboration in field and laboratory researches on agricultural pest insects (Prof. Giovanni Liotta, Agricultural Entomology Institute - University of Palermo)

### International Experiences

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2017-July COST (ENBA, CA 15216) Short-Term Scientific Missions (22/06/2017 to 08/07/2017) on the Characterization of the attachment ability of *Nezara viridula*, at the Zoological Institute: Functional Morphology and Biomechanics, Christian Albrechts Universitat Zu Kiel (Germany)

2016-December Erasmus grant for training at the Zoological Institute: Functional Morphology and Biomechanics, Christian Albrechts Universitat Zu Kiel (Germany) – Staff mobility for training assignment (STA) AA: 2016/2017

2016-July Research activity for 14 days at the Zoological Institute: Functional Morphology and Biomechanics, Christian Albrechts Universitat Zu Kiel (Germany)

2016 January Erasmus grant for training at the Angers University –INRA (France) – Staff mobility for training assignment (STA) AA: 2015/2016

2015 May Erasmus Professor at the Christian Albrechts University of Kiel (Germany) – Staff mobility for teaching assignment (STA) AA: 2014/2015.

1999 Research stage, 2 months, (Research station of INRA (Institute National de la Recherche Agronomique - Antibes - France) on biology and ecology of *Trissolcus basalus*)

1996 Research stage, 1 month, founded by ENEA-National Agency for Alternative Energy (Stride program, Actinia project), (Department of Entomology, Wageningen Agricultural University, The Netherlands) on selection criteria and quality control of parasitoids for biological control of *Bemisia tabaci*

1995 Research stage, 5 months, founded by COMETT (Research station for nursery stock - Boomteelt Praktijkonderzoek), Boskoop – The Netherlands). Collaboration in two research projects on biological control of aphids and of *Tetranychus urticae* Koch in open fields.

### National and International Projects

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2015-2016 Coordinator of research project “Le tracce chimiche di *Nezara viridula*: caratterizzazione ultrastrutturale delle ghiandole e ruolo del secreto nella localizzazione da parte del parassitoide” funded by University of Perugia (Ricerca di Base 2014).

1996-present Partecipation in about 25 national and international research projects on chemical ecology of insect parasitoids and biological control of insect pests on Mediterranean crops, (University of Palermo and University of Perugia) (Funded by Italian Ministry of the University and Scientific Research – PRIN, FISR, FIRB - by CNR-National Research Council and by Italian Ministry of Agriculture).

### Teaching

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2010-present Perugia’s University Lecturer: “Entomology” in grapevine pest control.

2008-2013	Perugia's University Lecturer: "Entomology" in stored product pest control.
2008-2009	Perugia's University Lecturer: "Integrated pest management"
2008-2009	Perugia's University Lecturer: "Entomology and biomonitoring"
2001-2008	Series of lectures at the University of Perugia in Entomology and Integrated pest management.

### Reviewer Activity

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2000-present	Referee for international journals as Biocontrol, Scientific Report, PlosOne, Entomologia Experimentalis et Applicata, European Journal of Entomology, Journal of Pest Science, Journal of Insect Science, Neotropical Entomology.
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### Others

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2016 (April)-2017(May)	Member of "Giunta di Dipartimento" of the Dipartimento di Scienze Agrarie, Alimentari e Ambientali
2015-present	Member of "Presidio di Qualità" of the Dipartimento di Scienze Agrarie, Alimentari e Ambientali, University of Perugia
2013-present	Member of the Board of Professors of the PhD course in "Scienze e Biotecnologie Agrarie, Alimentari e Ambientali", University of Perugia
2012-2014	Member of the "Giunta" of the Faculty of Agriculture in the University of Perugia.
2009-2013	Member of the Board of Professors of the PhD course in "Scienze Agrarie e Ambientali", University of Perugia
2008-209	Member of the Board of Professors of the PhD course in "Arboricoltura e Protezione delle Piante", University of Perugia

### Organization of Congresses and Scientific Meetings

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2010	Member of the Organizing Committee for the "XI International Symposium on Ecology of Aphidophaga", Perugia, 19-24 September 2010.
2005	Member of the Organizing Committee for the "XX Congresso nazionale Italiano di Entomologia", Perugia, 13-18 June 2005.
2002	Scientific member of the Organizing Committee for the "IOBC - Egg Parasitoids, 6th International Symposium", Perugia, 15-18 September 2002.
2001	Scientific member of the Organizing Committee for the "2001 International Joint Meeting on Ephemeroptera and Plecoptera", Perugia, 5-11 August 2001.

### International collaborations

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Tor Jorgen Almaas, Department of Biology, Norwegian University of Science and Technology, Trondheim (Norway)  
 Ahmet Bayram, Dicle University, Department of Plant Protection, Diyarbakır, Turkey

Adolfo Cordero Rivera Grupo de Ecoloxía Evolutiva e da Conservación, Departamento de Ecoloxía e Bioloxía Animal, Universidade de Vigo, Pontevedra, (Spain)

Frédéric Marion-Poll, AgroParisTech, Département Sciences de la Vie et Santé, Paris, France.

Elena Gorb Zoological Institute: Functional Morphology and Biomechanics, Christian Albrechts Universität, Kiel (Germany)

Stanislav Gorb, Zoological Institute: Functional Morphology and Biomechanics, Christian Albrechts Universität, Kiel (Germany)

Violeta Velikova, Bulgarian Academy of Sciences, Institute of Plant Physiology, Sofia, Bulgaria.

Eric Wajnberg, Behavioral Ecology of Insect Parasitoids Ecology – Biometry Population Genetics Inra, France

## Research Fields

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Behaviour and chemical ecology of parasitic Hymenoptera and agricultural pests

Indirect plant defences, constitutive or induced by herbivores

Behavioural ecology of parasitic Hymenoptera

Morpho-functional adaptations of egg parasitoids

Courtship behaviours in insect parasitoids

Side effects of insecticides towards parasitoids (lethal and sublethal effects).

Biology and ecology of egg-parasitoid

Behaviour and chemical ecology of Odonata.

Insect electrophysiology

## Scientific production

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Co-author of 63 scientific papers (49 on ISI journals), 1 book chapter and more than 90 abstract on proceedings of national and international congresses.

One of the publications has been the object of an article on Science Now (Dragonflies Lack 'Smell Center,' but Can Still Smell, March 2014).

Sum of the Times Cited: 729 (Scopus on 49 publications present)

Average Citations per Item: 14.88 (Scopus on 49 publications present)

h-index: 17 (Scopus)

<http://www.researcherid.com/rid/G-9296-2011>

<http://orcid.org/0000-0002-8357-7598>

<http://www.scopus.com/authid/detail.url?authorId=7004962330>